

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	trellis and ((forward backward inverse reverse) with (segment\$ window interval) with (repeat\$ repetit\$ continu\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:36
L2	2	trellis same interpolation same (forward backward)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 16:08
L7	428	"6028899".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 16:08
L8	295	714/792.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/28 17:08
L9	1659	714/796.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/28 17:08
S1	1453	714/795.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/28 17:08
S2	1453	(turbo near ((cod\$3 encod\$3) and decod\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/02 14:04
S3	12	(turbo near ((cod\$3 encod\$3) and decod\$3)) and (punctur\$3 near rate) and (interpolat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 14:04
			US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 14:09

## EAST Search History

S4	119	(turbo near ((cod\$3 encod\$3) and decod\$3)) and (punctur\$3 near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 14:09
S5	12	(turbo near ((cod\$3 encod\$3) and decod\$3)) and (punctur\$3 near adapt\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 14:09
S6	12	S5 not S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 10:56
S7	4232	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 10:57
S8	762	714/755.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:24
S9	1149	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) and (punctur\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 10:58
S10	2	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) and (punctur\$4) and (learn\$3 near (window interval time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 10:59
S11	238	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) and (punctur\$4) and ((learn\$3 near (window interval time)) equali\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 11:06
S12	3	((((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) and (punctur\$4) and ((learn\$3 near (window interval time)) equali\$)). ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 11:00
S13	2	"20030161062"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 11:00

## EAST Search History

S14	32	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) same (punctur\$4) same ((learn\$3 near (window interval time)) equali\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 11:05
S15	2	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) same (punctur\$4) same ((learn\$3 near (window interval time)) equali\$) and (interpolat\$4 decimat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 11:06
S16	2	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) same (punctur\$4) same ((learn\$3 near (window interval time)) equali\$) and (interpolat\$4 decimat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 11:06
S17	33	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) and (punctur\$4) and ((learn\$3 near (window interval time)) equali\$) and (interpolat\$4 decimat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 11:37
S18	383	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) and (punctur\$4 de\$punctur\$3 depunctur\$3) and (interpolat\$4 ((bit\$2 byte "0" zero) near (insert\$4 add\$3)) decimat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 11:40
S19	9	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) and (punctur\$4 de\$punctur\$3 depunctur\$3) and (interpolat\$4 ((bit\$2 byte "0" zero) near (insert\$4 add\$3)) decimat\$4).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:15
S20	4238330	"20" not "19"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:15
S21	9	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) and (punctur\$4 de\$punctur\$3 depunctur\$3) and (interpolat\$4 ((bit\$2 byte "0" zero) near (insert\$4 add\$3)) decimat\$4).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:15
S22	12	((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) and (punctur\$4 de\$punctur\$3 depunctur\$3) and (interpolat\$4 ((bit\$2 byte "0" zero) near (insert\$4 add\$3)) decimat\$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:15

## EAST Search History

S23	10	S22 not S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:15
S24	12	((((turbo near (decod\$3 encod\$3 cod\$3)) (turbo\$decod\$3)) and (punctur\$4 de\$punctur\$3 depunctur\$3) and (interpolat\$4 ((bit\$2 byte "0" zero) near (insert\$4 add\$3)) decimat\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:16
S25	72	714/755.ccls. and (punctur\$4 de\$punctur\$3 depunctur\$3) and (interpolat\$4 ((bit\$2 byte "0" zero) near (insert\$4 add\$3)) decimat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:27
S26	20	714/755.ccls. and ((punctur\$4 de\$punctur\$3 depunctur\$3) same (interpolat\$4 ((bit\$2 byte "0" zero) near (insert\$4 add\$3)) decimat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:26
S27	1	714/755.ccls. and (punctur\$4 de\$punctur\$3 depunctur\$3) and (interpolat\$4 ((bit\$2 byte "0" zero) near (insert\$4 add\$3)) decimat\$4) and (learn\$3 near interval)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:29
S28	3	714/755.ccls. and (punctur\$4 de\$punctur\$3 depunctur\$3) and (interpolat\$4 ((bit\$2 byte "0" zero) near (insert\$4 add\$3)) decimat\$4) and (learn\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 14:29

## EAST Search History

S29	31511646	(US "6128765" A US "6904555" B2 US "6981203" B2 US "6690737" B1 US "6756872" B2 US "6799295" B2 US "6819630" B1 US "6831574" B1 US "6915465" B2 US "6947506" B2 US "6967598" B2 US "5802315" A US "5859932" A US "5881244" A US "6067330" A US "6272183" B1 US "6339834" B1 US "6397367" B1 US "6795507" B1 US "6807238" B1 US "5729560" A US "5996104" A US "5933462" A US "6192501" B1 US "6222835" B1 US "6223319" B1 US "6289486" B1 US "6477678" B1 US "6487694" B1 US "6665357" B1 US "6715120" B1 US "6868518" B2 US "6910170" B2 US "6119264" A US "6108388" A US "6167552" A US "6226773" B1 US "6263467" B1 US "6304996" B1 US "6445755" B1 US "6453442" B1 US "6510536" B1 US "6513140" B2 US "6516437" B1 US "6539367" B1 US "6542558" B1 US "6563877" B1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 16:25
S30	8606384	(US "6128765" A US "6904555" B2 US "6981203" B2 US "6690737" B1 US "6756872" B2 US "6799295" B2 US "6819630" B1 US "6831574" B1 US "6915465" B2 US "6947506" B2 US "6967598" B2 US "5802315" A US "5859932" A US "5881244" A US "6067330" A US "6272183" B1 US "6339834" B1 US "6397367" B1 US "6795507" B1 US "6807238" B1 US "5729560" A US "5996104" A US "5933462" A US "6192501" B1 US "6222835" B1 US "6223319" B1 US "6289486" B1 US "6477678" B1 US "6487694" B1 US "6665357" B1 US "6715120" B1 US "6868518" B2 US "6910170" B2 US "6119264" A US "6108388" A US "6167552" A US "6226773" B1 US "6263467" B1 US "6304996" B1 US "6445755" B1 US "6453442" B1 US "6510536" B1 US "6513140" B2 US "6516437" B1 US "6539367" B1 US "6542558" B1 US "6563877" B1)	US-PGPUB; USPAT	OR	OFF	2006/01/03 16:25
S31	0	(turbo near (decod\$3 cod\$3 encod\$3)) and (learn\$3 near slid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 16:56

## EAST Search History

S32	13	(turbo near (decod\$3 cod\$3 encod\$3)) and (learn\$3 with slid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 16:56
S33	13	(turbo near (decod\$3 cod\$3 encod\$3)) and (learn\$3 with slid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 16:58
S34	0	("3"\$punctur\$3) and (learn\$3 with slid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 17:01
S35	0	("3"\$punctur\$3) and (learn\$3 same slid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 16:58
S36	0	("3"\$punctur\$3) same (learn\$3 slid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 17:02
S37	2969	(punctur\$3) same (learn\$3 slid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 17:08
S38	1140	(punctur\$3) with (learn\$3 slid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 17:08
S39	1413	(punctur\$3) with (learn\$3 slid\$3 window)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 17:08
S40	7	((punctur\$3) with (learn\$3 slid\$3 window)) and (turbo near (cod\$3 encod\$3 decod\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 17:41
S41	33	714/791.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 17:41

## EAST Search History

S42	390	714/792.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 17:41
S43	0	((punctur\$3) with (learn\$3 slid\$3 window)) and 714/792.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 17:48
S44	21333	decod\$3 and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 19:17
S45	192	decod\$3 and (interpolat\$4 near (node nodes state states))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 19:18
S46	59	decod\$3 and (interpolat\$4 near (node nodes state states)) and (MAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 19:24
S47	2	"6226773".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 19:21
S48	3636	(decod\$3 with trellis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 19:24
S49	150	(decod\$3 with trellis) and (((forward backward) near (metric calculat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 19:25
S50	26	(decod\$3 with trellis) and (((forward backward) near (metric calculat\$4)) with (segment window interval))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:22
S51	13	(decod\$3 with trellis) and (maxlogmap)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:22

## EAST Search History

S52	31	(maxlogmap)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:22
S53	18	(maxlogmap) and (forward and backward)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:22
S54	18	(maxlogmap) and (forward and backward) and (decod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:29
S55	16	(maxlogmap) and (forward and backward) and (decod\$3) and trellis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:29
S56	15	(maxlogmap) and (forward and backward) and (decod\$3) and trellis and metric	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:27
S57	10	(maxlogmap) and (forward and backward) and (decod\$3) and trellis and metric and (window interval segment\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:23
S58	5	S56 not S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:27
S59	16	S52 not S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:33
S60	386	trellis and decod\$3 and ((forward backward inverse reverse) with (segment\$ window interval))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:34
S61	427	trellis and ((forward backward inverse reverse) with (segment\$ window interval))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:35



## EAST Search History

S62	353	trellis and ((forward backward reverse) with (segment\$ window interval))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:35
S63	36	trellis and ((forward backward inverse reverse) with (segment\$ window interval) with (repeat\$ repetit\$ continu\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:36
S64	428	714/792.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/28 14:15
S65	21	714/792.ccls. and (without near decod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/28 14:15
S66	2	714/792.ccls. and (without near decod\$3) and ((forward backward) near metric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 14:16
S67	6	714/792.ccls. and (without near decod\$3) and ((forward backward) with metric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 14:17
S68	22	trellis and (without near decod\$3) and ((forward backward) with metric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 14:17
S69	10	(trellis near decod\$3) and (without near decod\$3) and ((forward backward) with metric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 14:18
S70	0	(trellis near decod\$3) and (without near decod\$3 near window) and ((forward backward) with metric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 14:18
S71	0	(trellis near decod\$3) and (without near decod\$3 near window)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 14:19

## EAST Search History

S72	3	(without near decod\$3 near window)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 14:19
S73	64	(decod\$3 near window) same trellis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 14:20
S74	16	((decod\$3 near window) same trellis) and ((forward backward) with metric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 15:53